

**U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)  
 CERTIFICATION OF CONFORMITY  
 PURSUANT TO 40 CFR PART 60 SUBPARTS AAA AND QQQQ  
 2015 STANDARDS OF PERFORMANCE FOR NEW RESIDENTIAL WOOD HEATERS, NEW  
 RESIDENTIAL HYDRONIC HEATERS AND FORCED-AIR FURNACES**

Disclaimer: The statutory provisions and the EPA regulations described in this document contain legally binding requirements. This document is not a substitute for those provisions or regulations, nor is it a regulation itself. In the event of a discrepancy, please refer to 40 CFR PART 60 Subparts AAA AND QQQQ, Sections 60.533(b) and 60.5475(b). This document may be revised periodically without public notice. If you have additional questions, please contact Rafael Sanchez at 202-564-7028 or via email at [sanchez.rafael@epa.gov](mailto:sanchez.rafael@epa.gov).

**GENERAL INFORMATION**

**Manufacturer's Name:**

**Industrial Chimney Co., Inc.**

<b>Heater Type (Circle One):</b>	Adjustable-Burn-Rate Wood-Heater	Pellet Stove	Single Burn Rate Heater		Hydronic Heater	Forced-Air Furnace	Other:
<b>Hydronic Heater Type (Circle ALL that apply):</b>	Full-Storage	Partial-Storage	Indoor	Outdoor	Other:		
<b>Forced-Air Furnace Type (Circle One):</b>	Small (less than 65,000 BTU/hr heat output)		Large (greater than 65,000 BTU/hr heat output)			Other:	
<b>Fuel Tested:</b>	Crib	Pellet	Cordwood	Wood-Chips	Other:		

**Model Name(s) (as it appears on test report):**

**DELTA FUSION**

**Model Number(s) (as it appears on test report):**

**Same as Model Name**

**Catalyst: Yes \_\_\_\_\_ No X**

**Mailing Address:**

**Street Address:**

**400 JF Kennedy Blvd.**

<b>City:</b> St. Jerome	<b>State:</b> QC Canada	<b>ZIP Code:</b> J7Y 4B7
<b>Phone:</b> 450-565-6336	<b>Fax:</b> 450-565-6519	<b>Web Site:</b> <a href="http://www@icc-rsf.com">www@icc-rsf.com</a>

**Address of Manufacturer:**

**400 JF Kennedy Blvd.**

<b>City:</b> St. Jerome	<b>State:</b> QC Canada	<b>ZIP Code:</b> J7Y 4B7
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**EPA APPROVED THIRD PARTY CERTIFIER**

**Authorized Representative(s):**

**Robert J. Zimmerman Jr.**

**Company:**

**UL LLC**

<b>Phone:</b> 847-664-3129	<b>E-mail:</b> <a href="mailto:Robert.J.Zimmermanjr@ul.com">Robert.J.Zimmermanjr@ul.com</a>	<b>Fax:</b> 847-272-8129
<b>City:</b> Northbrook	<b>State:</b> IL	<b>ZIP Code:</b> 60062

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**Position:**  
**Senior Staff Engineering Associate**

<b>Report Number:</b> PI-20124	<b>Date(s) of Tests:</b> Testing started on 2016-02-02	<b>Date of Report:</b> 2016-02-11
<b>Quality Assurance Plan included?:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Wood Heater/Hydronic Heater/Forced-Air Furnace Application Included:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Remarks:</b>  Test Report Revision Date February 1, 2021.

**Affected Source Data Summary**

This affected source has been tested to (select one):

☐ 2015 NSPS particulate matter emissions limit of 4.5 g/hr  
☒ 2020 NSPS particulate matter emissions limit of 2.0 g/hr (2.5 g/hr if cordwood)

Wood Burning Heater	Hydronic Heater	Forced-Air Furnace
Weighted particulate emission average of <u>3</u> test runs: <u>1.28</u> grams per hour	Maximum-Output Rating: _____  Weighted particulate emission average: _____ Lbs/MMBtu output	Particulate-emission average: _____ Lbs/MMBtu output
Weighted average HHV efficiency of <u>2</u> test runs: <u>60.35</u> %	Annual Efficiency Rating: _____	Overall thermal efficiency (HHV): _____ %
	Particulate Emissions: _____	Overall Delivered Heat Efficiency: _____ %

**AFFIRMATIONS**

- The above-named affected source has been tested by a laboratory qualified to test and report on the emissions of this type of product under 40 CFR Part 60, Standards of Performance for New Residential Wood Heaters, New Residential Hydronic Heaters and Forced-Air Furnaces (2015 Standards).
- The Test Report No. PI-20124, prepared by Danick Power and dated 2016-02-11, has been reviewed by Robert J. Zimmerman Jr. and was found to be complete and to have used the correct procedures in accordance to the 2015 Standards.
- The emissions levels listed in the test report and listed above comply with the relevant particulate matter limits established by the 2015 Standards.
- The model listed above was tested using the following Test method(s): EPA 28R, ASTM E2515, and ASTM 2780.
- The permanent label and owner's manual meet the requirements of 40 CFR § 60.536 and/or § 60.5478.
- The above-named manufacturer, on the effective date of this certificate, was operating under a quality assurance plan, per 40 CFR § 60.533(m) and/or § 60.5475(m), that has been reviewed and approved by Robert J. Zimmerman Jr., UL LLC
- The above-named manufacturer has contracted UL LLC to conduct regular (at least annual) unannounced audits of the manufacturing facility, affected source, and quality assurance plan pursuant to 40 CFR § 60.533(m) and/or § 60.5475(m).

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Robert J. Zimmerman Jr. – Senior Staff Engineering Associate  
Print Name and Title

Robert J. Zimmerman Jr.  
Signature of Authorized Third-Party Representative

May 12, 2021  
Date

**This is a certification of conformity to certify that the bearer  
has successfully completed the requirements pursuant to  
the 2015 Standards.**

Third-party EPA approval expiration date: 2025-11-12

**V1 5.19.16**

**Remarks:**

**As per Test Report No. PI-20124, Revision  
Date February 1, 2021.**